

## National Weather Service Weather Forecast Office Milwaukee/Sullivan, WI

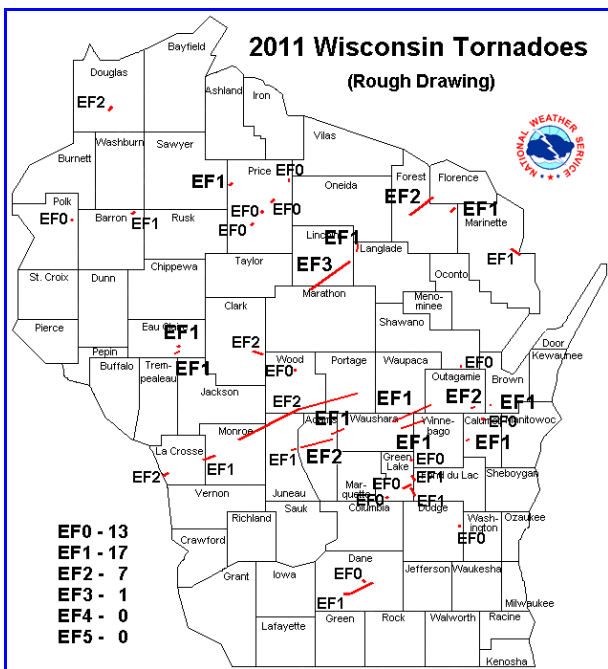
### Wisconsin's 2011 preliminary tornado count is 38.

Wisconsin's 2011 tornadoes occurred on 10 days....April 10th, May 22nd, June 8th, June 19th, June 21st, July 1st, July 19th, August 8th, August 19th, and August 23rd.

Preliminary	2011
EF0	13
EF1	17
EF2	7
EF3	1
EF4	0
EF5	0
<b>Total</b>	<b>38</b>

The year with the most documented tornadoes in Wisconsin was 2005 with 62. In second place is 2010 with 46. Third place is occupied by 1980 with 43. Fourth place is shared by 2011 and 2008 - both with 38.

Below is a graphic showing approximate positions and tracks of the 2011 tornadoes. **Click on image for larger version.**



#### 2011 Tornado-related Fatalities and Injuries:

One fatality was attributed to the effects of tornadoes - in Marinette County. Additionally, there was one indirectly-related fatality in the Clark County tornado when a person died after their oxygen machine shut down with the loss of electricity. This person wasn't directly impacted by the tornado winds or falling/airborne debris.

Prior to 2011, the last tornado-related fatality in Wisconsin occurred during the F3 Stoughton tornado on August 18, 2005.

Additionally, 5 people were directly injured by tornadoes.

#### 2011 Tornado Monetary Loss Estimates:

Through August 30th, loss estimates are at least \$50.963 Million, but this number is most likely an undercount. The EF2 tornado that struck the city of La Crosse on May 22nd, was the costliest Wisconsin tornado in 2011 at an estimated \$15.2 Million in damage.

#### Counties affected by tornadoes:

Many of the tornadoes occurred in only one county, however, some individual tornadoes visited two, three, and even four counties. Below is the breakdown of the number of tornadoes in a county:

5 - Green Lake & Price

3 - Waushara

2 - Adams, Calumet, Dane, Eau Claire, Fond du Lac, Forest, Juneau, La Crosse, Monroe, Wood & Outagamie

1 - Barron, Brown, Clark, Dodge, Douglas, Florence, Langlade, Lincoln, Marinette, Polk, Portage, Shawano & Waupaca

### Some of the 2011 tornadoes were long-tracked.

The long-track tornadoes were about 64.5 miles in length, about 28 miles, about 21 miles, about 17 miles, about 15 miles, and about 12 miles. The May 22nd long-tracked tornado in the counties of Monroe, Juneau, Wood, and Portage was the 16th longest tornado track in Wisconsin recorded history. The longest-tracked tornado in Wisconsin occurred on April 5, 1929 from Pierce County into Iron County. It's path length was about 170 miles. That tornado killed 12 people and injured 100.

Below is a table showing the preliminary listing for 2011...subject to change. Click on following table for larger version.

WI #	County(s)	Date	Time LT	Dir	Location	Mag	PL Miles	Max PW Yards	Deaths	Injuries	Max Wind MPH	Prop Damage Millions	Crop Damage Millions	Avg PW Yards	WFO
1	Eau Claire	4/10/2011	4:57 PM 5:03 PM	NE	4.9 SW Augusta 3.3 SW Augusta	EF1	1.60	200	0	0	105	0.2	0	200	MPX
2	Eau Claire	4/10/2011	5:04 PM 5:06 PM	NE	1.2 NW Augusta 1.2 NNW Augusta	EF1	0.70	150	0	0	100	0.25	0	150	MPX
3	Marathon-Lincoln	4/10/2011	6:08 PM 6:41 PM	NE	2.2 N Hamburg 0.5 SW Bloomville	EF3	21.15	1050	0	2	140	11.16	0	400	GRB
4	Adams	4/10/2011	6:12 PM 6:30 PM	ENE	3.1 NNW Causway 9.6 ESE Big Flats	EF2	17.08	800	0	0	125	3.3	0	80	ARX
5	Juneau	4/10/2011	6:14 PM 6:21 PM	E	1.8 SSW South Necedah 2.7 N Necedah Hamburg AR	EF1	4.37	150	0	0	95	0.30	0	60	ARX
6	Adams-Waushara	4/10/2011	6:30 PM 6:42 PM	ENE	9.6 ESE Big Flats - 4.3 ESE Hancock	EF1	11.73	140	0	0	100	0.61	0	MM	ARX/GRB
7	Langlade	4/10/2011	6:50 PM 6:58 PM	NNE	4.9 S of Parish 2.0 E of Parish	EF1	5.30	400	0	0	110	1	0	250	GRB
8	Waushara-Waupaca-Outagamie	4/10/2011	7:06 PM 7:43 PM	NE	1.1 SW Saxeville 1.9 SE Hortonville	EF1	27.68	200	0	0	100	0.1	0	100	GRB
9	Forest-Florence	4/10/2011	7:30 PM 7:51 PM	NE	3.5 SE Argonne 5.8 ESE Long Lake	EF2	11.97	600	0	0	115	0.215	0	250	GRB
10	Waushara-Winnebago	4/10/2011	7:53 PM 8:07 PM	NE	0.3 NW Poy Sippi 2.3 WSW Winchester	EF1	14.93	150	0	0	105	1.47	0	100	GRB
11	Forest	4/10/2011	8:03 PM 8:08 PM	NE	4.2 WNW Armstrong Creek 3.2 N Armstrong Creek	EF1	3.29	250	0	0	105	0.05	0	125	GRB
12	Green Lake	4/10/2011	8:27 PM 8:29 PM	NE	3.57 SSE Berlin 2.97 SE Berlin	EF0	1.83	50	0	0	80	0.0003	0	30	MKX
13	Outagamie	4/10/2011	8:43 PM 8:46 PM	NE	1.2 SW Kaukauna 0.3 S Little Chute	EF2	1.52	175	0	0	120	6.7	0	125	GRB
14	Brown	4/10/2011	8:53 PM 8:56 PM	NE	1.2 NNE Askeaton 1.4 S Greenleaf	EF1	1.20	75	0	0	95	0.015	0	75	GRB
15	Calumet	4/10/2011	8:59 PM 9:01 PM	NE	1.6 NW Quinney 1.5 SSE Strockbridge	EF1	1.67	100	0	0	90	0.1	0	75	GRB
16	Price	5/22/2011	2:33 PM 2:37 PM	NE	7 W Lugenville - 6.4 WNW Lugenville	EF1	3.29	600	0	0	95	0.004	0	MM	DLH
17	La Crosse	5/22/2011	4:20 PM 4:28 PM	NE	0.9 SSW La Crosse - 1.4 NNW Herington	EF2	3.35	125	0	0	120	15.2	0	MM	ARX
18	La Crosse - Monroe	5/22/2011	4:47 PM 5:00 PM	NE	1 SW Rockland - 1.8 ENE Sparta	EF1	8.18	125	0	0	110	0.925	0	MM	ARX
19	Monroe-Juneau-Wood-Portage	5/22/2011	5:15 PM 6:46 PM	NE	3 N Tunnel City- 4.8 SE Amott	EF2	64.50	800	0	1	120	7.73	0	MM	ARX/GRB
20	Price	5/22/2011	5:39 PM 5:41 PM	NE	4.9 W Prentice - 4.1 W Prentice	EF0	1.15	350	0	0	70	0.001	0	MM	DLH
21	Price	5/22/2011	5:52 PM 5:53 PM	NE	1.7 WNW Worcester - 1.5 NNW Worcester	EF0	1.12	400	0	0	75	0	0	MM	DLH
22	Price	5/22/2011	6:01 PM 6:04 PM	NE	3.7 W Dover - 2.6 NW Dover	EF0	2.14	350	0	0	80	0.005	0	MM	DLH
23	Price	5/22/2011	6:26 PM 6:27 PM	NE	13.4 NNE Dover - 13.8 NNE Dover	EF0	0.80	275	0	0	70	0	0	MM	DLH
24	Green Lake	5/22/2011	7:33 PM 7:33 PM	ENE	0.9 NE Dalton - 1.3 NE Dalton	EF0	0.36	30	0	0	65	0.001	0	15	MKX
25	Green Lake	5/22/2011	7:47 PM 7:55 PM	ENE	0.7 WSW Markesan - 3.5 E Markesan	EF0	4.21	50	0	0	70	0.005	0	30	MKX
26	Barron	5/22/2011	4:00 PM 4:05 PM	NNE	1.4 WNW Mikana - 1.3 NNW Red Cedar Lake	EF1	1.98	300	0	0	95	0.2	0	MM	MPX
27	Dane	6/8/2011	7:41 PM 8:02 PM	ENE	2.7 WSW Verona 1.6 WNW Hope	EF1	17.15	100	0	0	95	0.1	0	70	MKX
28	Dodge	6/19/2011	4:56 PM	ENE	2.5 NE Herman Center	EF0	0.10	20	0	0	65	0	0	10	MKX
29	Fond du Lac-Green Lake	6/21/2011	3:21 PM 3:30 PM	NNW	4.4 WSW Alto - 3.7 ENE Markesan	EF1	4.77	150	0	0	105	0.035	0	75	MKX
30	Fond du Lac-Green Lake	6/21/2011	3:36 PM 3:40 PM	NNW	2.3 NW Fairwater - 2.9 NW Fairwater	EF1	2.51	100	0	0	95	0.017	0	60	MKX
31	Douglas	7/1/2011	7:51 PM 7:54 PM	NNE	3.5 SW Solon Springs - 1.4 W Solon springs	EF2	2.93	300	0	0	130	0	0	MM	DLH
32	Polk	7/19/2011	7:30 PM 7:32 PM	SE	9.3 NNE Range 8.7 NNW Turtle Lake	EF0	0.87	25	0	0	65	0	0	25	MPX
33	Dane	08/08/2011	7:13 PM 7:22 PM	SSE	1.2 N Blooming Grove 0.9 ENE Blooming Grove	EF0	1.21	20	0	0	40	0	0	10	MKX
34	Marinette	8/19/2011	4:45 PM 5:00 PM	SE	2.9 NW Wausaukee 3.4 ESE Wausaukee	EF1	7.61	250	1	0	105	0.12	0	100	GRB
35	Clark	8/23/2011	5:05 PM 5:30 PM	ESE	3.0 SW Spokeville - 3.1 NNE Chili	EF2	7.61	200	0	2	130	1.4	0.0907	85	ARX
36	Wood	8/23/2011	5:58 PM		0.3 NW Arpin	EF0	0.01	10	0	0	60	0	0	10	GRB
37	Shawano	8/23/2011	6:56 PM 6:57 PM	ESE	0.9 SE Brarton 1.1 SE Brarton	EF0	0.23	50	0	0	70	0	0	50	GRB
38	Calumet	8/23/2011	9:05 PM	ESE	0.8 ENE Sherwood 1.3 E Sherwood	EF0	0.50	100	0	0	80	0.05	0	75	GRB

Wisconsin's yearly average for the period of 1981-2010 is 23. Below is the "average" monthly breakdown:

**Average 1981-2010 (Official)**

Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
0.1	0.0	0.2	1.2	3.4	7.5	5.6	3.1	1.8	0.3	0.1	0.0	23.1

**2011 Wisconsin Weather-related Fatalities and Injured People (only directly-related)**

Numbers reflect data that was passed on to the National Weather Service. Roughly 108 people received medical treatment due to the effects of the July 17-21 heat wave. This number is an estimate based on news reports.

	Deaths	Injuries
<b>Blizzard</b>	1	0
<b>Excess Heat</b>	5	108
<b>Lightning</b>	1	0
<b>Tornado</b>	1	5
<b>Tstorm Wind</b>	1	11
<b>Total</b>	<b>9</b>	<b>124</b>

**2011 Wisconsin Weather-related Monetary Loss Estimates (excluding winter weather events)**

Data is only for the period of January 1, 2011 through August 30, 2011. Numbers are likely underestimated.

Tornado property damage = \$50.963 M  
 Tornado crop damage = \$91 K  
 Thunderstorm Wind property damage = \$9.855 M  
 Tstorm Wind crop damage = \$4.461 M  
 Hail property damage = \$33.961 M  
 Hail Crop losses unknown  
 Total = \$99.616 M

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